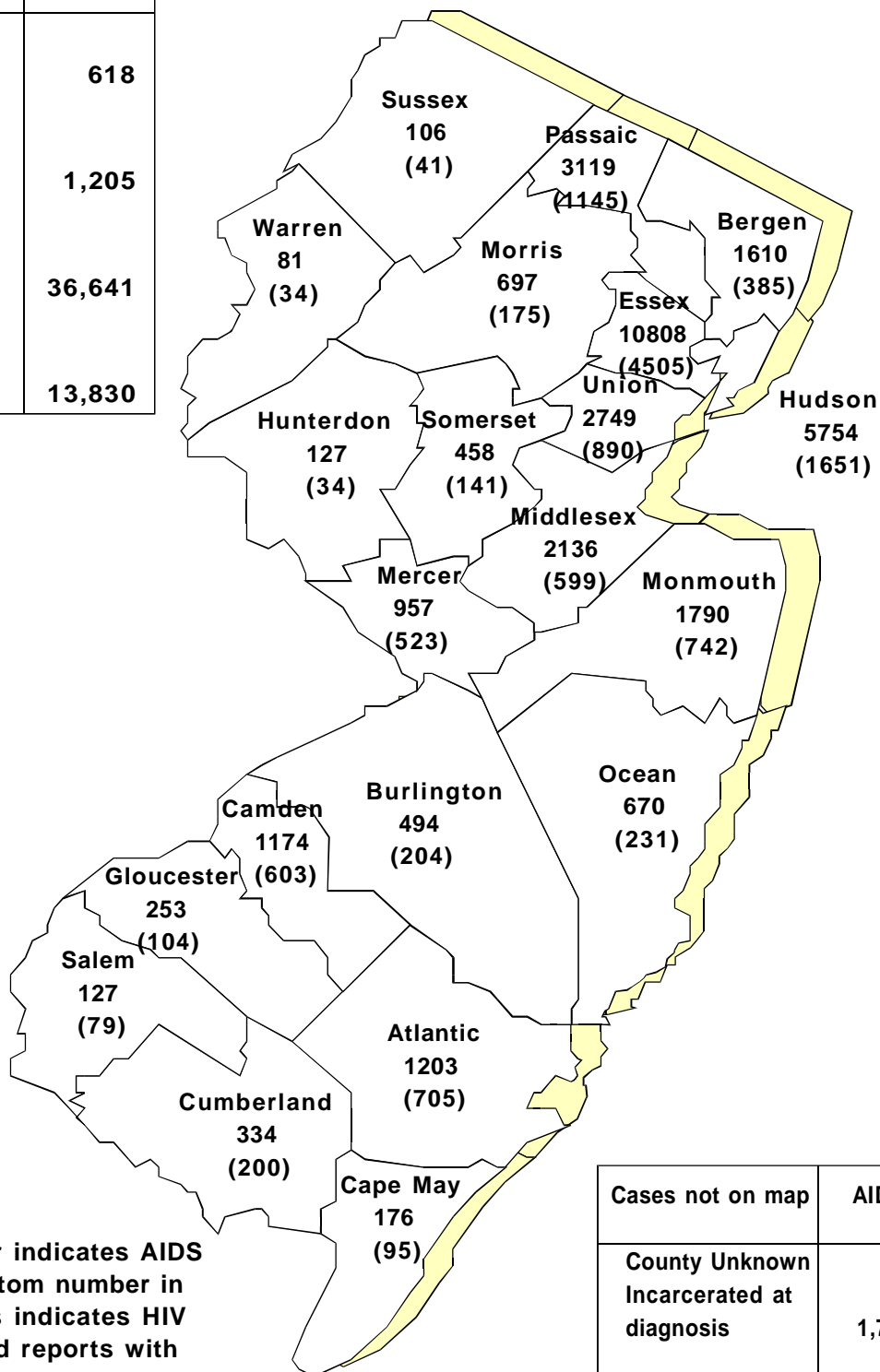


NEW JERSEY HIV/AIDS CASES

Reported as of June 30, 1998

HIV/AIDS Report Summary	
Current Quarter Increase-AIDS	618
Current Year Increase-AIDS	1,205
Cumulative Total AIDS	36,641
Cumulative Total HIV+ Only	13,830



Note: Top number indicates AIDS reports. Bottom number in parentheses indicates HIV unduplicated reports with identifiers.

Cases not on map	AIDS	HIV
County Unknown	34	49
Incarcerated at diagnosis	1,784	695

**Table 1. New Jersey AIDS Cases Reported July 1997-June 1998
and Cumulative Totals as of June 30, 1998
Age at Diagnosis, by Sex**

Age Group	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Age Group Totals
	July 1997- June 1998		Cumulative Total		July 1997- June 1998		Cumulative Total		July 1997- June 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
Under 5	3	0%	271	1%	3	0%	250	2%	6	0%	521	1%	48%
5-12	6	0%	79	0%	3	0%	88	1%	9	0%	167	0%	53%
13-19	9	1%	102	0%	7	1%	61	1%	16	1%	163	0%	37%
20-29	140	9%	3,440	13%	105	13%	1,888	19%	245	10%	5,328	15%	35%
30-39	657	40%	12,212	46%	379	46%	4,919	49%	1,036	42%	17,131	47%	29%
40-49	563	34%	7,622	29%	240	29%	2,153	21%	803	33%	9,775	27%	22%
Over 49	257	16%	2,817	11%	86	10%	739	7%	343	14%	3,556	10%	21%
Total	1,635	100%	26,543	100%	823	100%	10,098	100%	2,458	100%	36,641	100%	28%

**Table 2. AIDS Cases by State of Residence
Reported to CDC as of June 30, 1998**

STATE OF RESIDENCE	CUMULATIVE TOTAL SINCE JUNE 1981					
	Adult/Adolescent		Children		Total	
	No.	(%)	No.	(%)	No.	(%)
New York	122,666	19%	2,127	26%	124,793	19%
California	106,900	16%	568	7%	107,468	16%
Florida	66,307	10%	1,305	16%	67,612	10%
Texas	46,192	7%	350	4%	46,542	7%
New Jersey	36,638	6%	704	9%	37,342	6%
Puerto Rico	21,220	3%	373	5%	21,593	3%
Illinois	20,848	3%	238	3%	21,086	3%
Pennsylvania	19,988	3%	278	3%	20,266	3%
Georgia	19,142	3%	182	2%	19,324	3%
Maryland	17,507	3%	283	3%	17,790	3%
Remainder of US	179,669	27%	1,872	23%	181,541	27%
Total	657,077	100%	8,280	100%	665,357	100%

**Table 3. New Jersey Pediatric (1) AIDS Cases by Mode of Transmission
Data as of June 30, 1998**

Mode of Transmission (2)	MALE		FEMALE		TOTAL	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	11	3%	0	0%	11	2%
Mother With/At Risk of AIDS (3)	328	94%	322	95%	650	94%
Transfusion/Blood Components	8	2%	9	3%	17	2%
Other/Unknown	3	1%	7	2%	10	1%
Total	350	100%	338	100%	688	100%

(1) Includes all patients under 13 years of age at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

**Table 4. New Jersey Adult/Adolescent (1) AIDS Cases Reported July 1997-June 1998
and Cumulative Totals as of June 30, 1998
Mode of Transmission by Sex**

Mode of Transmission (2)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	July 1997-June 1998		Cumulative Total		July 1997-June 1998		Cumulative Total		July 1997-June 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (3)	372	23%	7,500	29%	0	0%	0	0%	372	15%	7,500	21%	0%
IDU (3)	559	34%	12,512	48%	271	33%	4,866	50%	830	34%	17,378	48%	28%
MSM/IDU	61	4%	1,431	5%	0	0%	0	0%	61	2%	1,431	4%	0%
Hemophilia	4	0%	165	1%	0	0%	2	0%	4	0%	167	0%	1%
Heterosexual	130	8%	1,449	6%	273	33%	3,158	32%	403	16%	4,607	13%	69%
Transfusion	11	1%	215	1%	13	2%	231	2%	24	1%	446	1%	52%
Other/Unknown	489	30%	2,921	11%	260	32%	1,503	15%	749	31%	4,424	12%	34%
Total	1,626	100%	26,193	100%	817	100%	9,760	100%	2,443	100%	35,953	100%	27%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) MSM = Male sex with male. IDU = Injection drug use.

**Table 5. New Jersey Adult/Adolescent (1) AIDS Cases Reported July 1997-June 1998
and Cumulative Totals as of June 30, 1998
Adjusted (2) Mode of Transmission by Sex**

Mode of Transmission (3)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	July 1997-June 1998		Cumulative Total		July 1997-June 1998		Cumulative Total		July 1997-June 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (4)	599	37%	8,853	34%	0	0%	0	0%	599	25%	8,853	25%	0%
IDU (4)	720	44%	13,474	51%	347	42%	5,306	54%	1,067	44%	18,780	52%	28%
MSM/IDU	80	5%	1,544	6%	0	0%	0	0%	80	3%	1,544	4%	0%
Heterosexual	187	12%	1,788	7%	429	53%	4,058	42%	616	25%	5,846	16%	69%
Blood Related	27	2%	450	2%	32	4%	344	4%	59	2%	794	2%	43%
Others	13	1%	84	0%	9	1%	53	1%	22	1%	137	0%	39%
Total (2)	1,626	100%	26,193	100%	817	100%	9,761	100%	2,443	100%	35,954	100%	27%

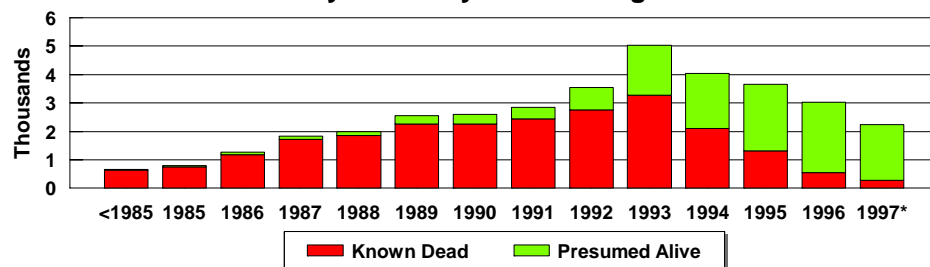
(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) MSM = Male sex with male. IDU = Injection drug use.

**Figure 1. New Jersey AIDS Cases as of June 30, 1998
Mortality Status by Year of Diagnosis**



*1997 Diagnosis information incomplete

**Table 6. New Jersey Adult/Adolescent (1) AIDS Cases
Mode of Transmission by Sex and Racial/Ethnic Group,
Cumulative Data as of June 30, 1998**

Mode of Transmission (2)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	3,902	48%	2,356	18%	1,193	27%	0	0%	0	0%	0	0%
IDU	2,686	33%	7,674	57%	2,127	48%	995	51%	3,341	52%	514	37%
MSM/IDU	433	5%	756	6%	237	5%	0	0%	0	0%	0	0%
Hemophilia	115	1%	27	0%	20	0%	2	0%	0	0%	0	0%
Heterosexual	266	3%	878	7%	294	7%	564	29%	1,954	31%	628	45%
Transfusion	129	2%	56	0%	24	1%	93	5%	103	2%	29	2%
Other/Unknown	654	8%	1,644	12%	578	13%	293	15%	966	15%	230	16%
Total	8,185	100%	13,391	100%	4,473	100%	1,947	100%	6,364	100%	1,401	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 7. New Jersey Adult/Adolescent (1) AIDS Cases
Adjusted (2) Mode of Transmission by Sex and Racial/Ethnic Group
Cumulative Data as of June 30, 1998**

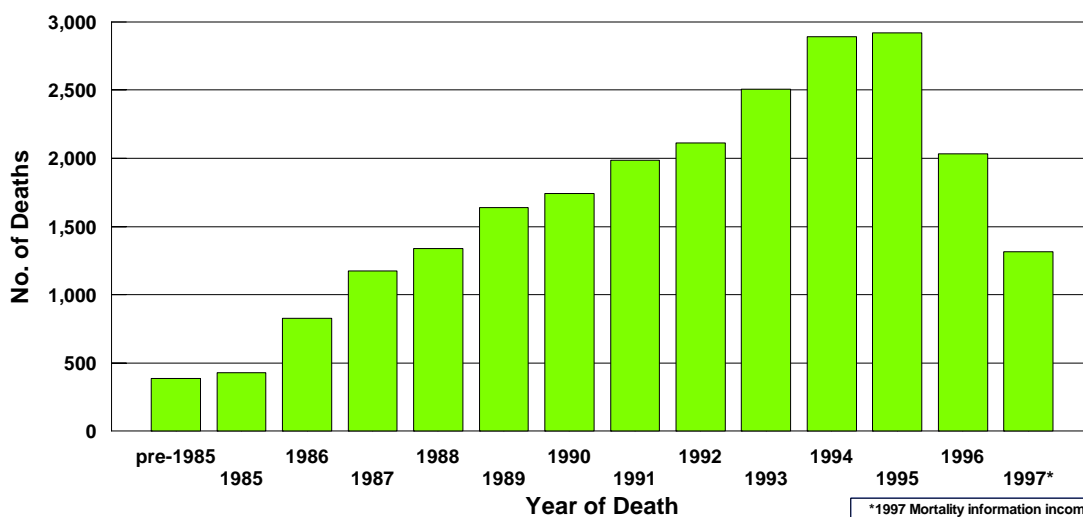
Mode of Transmission (3)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	4,285	52%	2,912	22%	1,388	31%	0	0%	0	0%	0	0%
IDU	2,819	34%	8,422	63%	2,389	53%	1,059	54%	3,697	58%	598	43%
MSM/IDU	454	6%	830	6%	263	6%	0	0%	0	0%	0	0%
Heterosexual	331	4%	1,097	8%	371	8%	743	38%	2,519	40%	762	54%
Blood Related	268	3%	102	1%	51	1%	127	7%	140	2%	38	3%
Others	29	0%	27	0%	10	0%	19	1%	8	0%	3	0%
Total (2)	8,186	100%	13,390	100%	4,472	100%	1,948	100%	6,364	100%	1,401	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Figure 2. New Jersey AIDS Cases as of June 30, 1998
Number of Deaths by Year of Death**



**Table 8. New Jersey AIDS Cases Reported July 1997-June 1998
Racial/Ethnic Group by Sex, and Cumulative Totals
Data as of June 30, 1998**

Adults/ Adolescents (1)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	July 1997- June 1998		Cumulative Total		July 1997- June 1998		Cumulative Total		July 1997- June 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	420	26%	8,185	31%	140	17%	1,947	20%	560	23%	10,132	28%	19%
Black	875	54%	13,391	51%	563	69%	6,364	65%	1,438	59%	19,755	55%	32%
Hispanic	320	20%	4,473	17%	108	13%	1,401	14%	428	18%	5,874	16%	24%
Asian/Pac. Isl.	10	1%	91	0%	2	0%	34	0%	12	0%	125	0%	27%
Other/Unknown	1	0%	53	0%	4	0%	14	0%	5	0%	67	0%	21%
Subtotal	1,626	100%	26,193	100%	817	100%	9,760	100%	2,443	100%	35,953	100%	27%
Known Dead	258	16%	17,264	66%	95	12%	5,720	59%	353	14%	22,984	64%	25%
Children (2)	MALE				FEMALE								Females as % of Cumulative Racial/Ethnic Group Totals
	July 1997- June 1998		Cumulative Total		July 1997- June 1998		Cumulative Total		July 1997- June 1998		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	1	11%	58	17%	2	33%	57	17%	3	20%	115	17%	50%
Black	4	44%	221	63%	4	67%	221	65%	8	53%	442	64%	50%
Hispanic	4	44%	70	20%	0	0%	58	17%	4	27%	128	19%	45%
Asian/Pac. Isl.	0	0%	1	0%	0	0%	1	0%	0	0%	2	0%	50%
Other/Unknown	0	0%	0	0%	0	0%	1	0%	0	0%	1	0%	100%
Subtotal	9	100%	350	100%	6	100%	338	100%	15	100%	688	100%	49%
Known Dead	3	33%	227	65%	0	0%	217	64%	3	20%	444	65%	49%
Total Known Dead	261	16%	17,491	66%	95	12%	5,937	59%	356	14%	23,428	64%	25%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Includes all patients under 13 years of age at time of diagnosis.

Table 9. HIV Reports Received Through June 30, 1998

Anonymous Reports	1,273	
Unduplicated Reports with Identifiers	<u>24,191</u>	
Total Number of Reports	25,464	
Reports with Identifiers		24,191
Out of State Reports	375	
Missing Data/Under Investigation	66	
Changed to AIDS Classification	<u>9,920</u>	
		<u>10,361</u>
Number HIV Reports Included in Tables		13,830

**Table 10. Persons Living with HIV Infection (not AIDS) and with AIDS, by New Jersey County
Cumulative Data as of June 30, 1998**

County of Residence	Living with HIV (not AIDS)		Living with AIDS		Total	
	No.	(%)	No.	(%)	No.	(%)
Atlantic	657	5%	531	4%	1,188	5%
Bergen	354	3%	551	4%	905	4%
Burlington	186	1%	158	1%	344	1%
Camden	564	4%	441	3%	1,005	4%
Cape May	87	1%	79	1%	166	1%
Cumberland	190	2%	156	1%	346	1%
Essex	4,031	32%	3,698	28%	7,729	30%
Gloucester	99	1%	89	1%	188	1%
Hudson	1,510	12%	2,002	15%	3,512	14%
Hunterdon	31	0%	46	0%	77	0%
Mercer	477	4%	371	3%	848	3%
Middlesex	562	4%	770	6%	1,332	5%
Monmouth	674	5%	638	5%	1,312	5%
Morris	164	1%	269	2%	433	2%
Ocean	204	2%	205	2%	409	2%
Passaic	1,043	8%	1,126	9%	2,169	8%
Salem	74	1%	55	0%	129	0%
Somerset	132	1%	189	1%	321	1%
Sussex	40	0%	35	0%	75	0%
Union	830	7%	1,054	8%	1,884	7%
Warren	33	0%	32	0%	65	0%
Incarcerated	660	5%	691	5%	1,351	5%
Unknown County	42	0%	27	0%	69	0%
Total	12,644	100%	13,213	100%	25,857	100%

**Table 11. New Jersey HIV Reports With Identifiers
Pediatric Reports (1), Distribution of Mode Of Transmission (2)
Cumulative Data as of June 30, 1998**

Mode of Transmission	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	0	0%	0	0%	0	0%
Mother With/At Risk of AIDS (3)	711	99%	740	99%	1451	99%
Transfusion, Blood Components	1	0%	4	1%	5	0%
Other/Unknown	4	1%	7	1%	11	1%
Total	716	100%	751	100%	1,467	100%

(1) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from infected mother to her fetus or infant during the perinatal period.

New Jersey HIV Reports with Identifiers
Data as of June 30, 1998

Table 12. Racial/Ethnic Group by Sex

Race/Ethnicity	Adults/Adolescents (1)						Females as % of row total	Children (2)						Females as % of row total
	Male		Female		Total			Male		Female		Total		
	No.	(%)	No.	(%)	No.	(%)		No.	(%)	No.	(%)	No.	(%)	
White	1,598	21%	805	17%	2,403	19%	33%	81	11%	91	12%	172	12%	53%
Black	4,231	56%	3,089	64%	7,320	59%	42%	513	72%	533	71%	1046	71%	51%
Hispanic	1,547	20%	832	17%	2,379	19%	35%	117	16%	125	17%	242	16%	52%
Other/Unknown	183	2%	78	2%	261	2%	30%	5	1%	2	0%	7	0%	29%
Total	7,559	100%	4,804	100%	12,363	100%	39%	716	100%	751	100%	1,467	100%	51%

Table 13. Adult/Adolescent Reports, Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							
MSM	1,546	20%	0	0%	1,546	13%	0%
IDU	3,089	41%	1,763	37%	4,852	39%	36%
MSM/IDU	312	4%	0	0%	312	3%	0%
Hemophilia	30	0%	0	0%	30	0%	0%
Heterosexual	622	8%	1,478	31%	2,100	17%	70%
Transfusion	27	0%	56	1%	83	1%	67%
Other/Unknown	1,933	26%	1,507	31%	3,440	28%	44%
Total	7,559	100%	4,804	100%	12,363	100%	39%

Table 14. Adult/Adolescent Reports, Adjusted (4) Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission Mode Total
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							
MSM	2,447	32%	0	0%	2,447	20%	0%
IDU	3,730	49%	2,205	46%	5,935	48%	37%
MSM/IDU	387	5%	0	0%	387	3%	0%
Heterosexual	848	11%	2,382	50%	3,230	26%	74%
Blood Related	104	1%	167	3%	271	2%	62%
Other/Unknown	44	1%	49	1%	93	1%	53%
Total (4)	7,560	100%	4,803	100%	12,363	100%	39%

Table 15. Age at Diagnosis of HIV Infection

Age Group	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Under 5	689	8%	710	13%	1,399	10%
5-12	27	0%	41	1%	68	0%
13-19	82	1%	184	3%	266	2%
20-29	1,692	20%	1,560	28%	3,252	24%
30-39	3,378	41%	2,110	38%	5,488	40%
40-49	1,841	22%	728	13%	2,569	19%
50-59	439	5%	169	3%	608	4%
Over 60	125	2%	52	1%	177	1%
Unknown	2	0%	1	0%	3	0%
Total	8,275	100%	5,555	100%	13,830	100%

- (1) Includes all patients 13 years of age or older at time of the first positive HIV confirmatory test.
- (2) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).
- (3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.
- (4) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

ADJUSTED MODE OF TRANSMISSION

Several tables (Tables 5, 7, and 14) reflect **adjustments** in reported transmission categories. These adjustments are necessary because of the continuing increase in reports submitted with no indication of HIV exposure. In the adjusted tables, reports received with unknown risk are reallocated to other categories, based on field investigations of unknown and selected other risks. The proportions in the corresponding standard tables (Tables 4, 6, and 13) can be misleading due to the larger numbers of unreported transmission categories. The adjusted tables provide a better picture of actual transmission patterns and provide information for prevention and education efforts. Because of small cell sizes and unstable estimates, the Hemophilia and Transfusion categories in the adjusted tables are combined into the Blood Related category.

HIV/AIDS REPORTING SEMINARS

This quarterly summary is based on HIV and AIDS surveillance data reported by health care providers. The HIV/AIDS Surveillance Program offers a free training seminar covering the important aspects of reporting HIV infection and AIDS. It is designed to help those individuals responsible for reporting and treating patients with HIV/AIDS. Objectives: determine when to report, learn of resources available for HIV/AIDS patients, and assistance in understanding the CDC surveillance definition of AIDS and the required reporting forms. The seminar is a one-day, 10:00AM - 3:30PM event. Seminars are scheduled for the Fall of 1998. If you are interested in registration or need more information, please contact Cindy Mimmo at 609-984-6050.

NOTEWORTHY

- * Visit the N.J. Department of Health and Senior Services WEB Site. The address is:
www.state.nj.us/health
- * This report and information on available resources can be viewed or downloaded.
- * To be added to our mailing list or to request other data or information, contact us at 609-984-5940 or e-mail *sjc@doh.state.nj.us*